

Nebraska eHealth

Stakeholder Update

January 2012

Progress of eHealth in 2011

On March 15, 2010, the Nebraska Information Technology Commission received \$6.8 million in funding from the U.S. Department of Health and Human Services, Office of the National Coordinator for Health IT through the HITECH ACT enacted as part of the American Recovery and Reinvestment Act of 2009. The Nebraska Information Technology Commission is partnering with NeHII (Nebraska Health Information Initiative), eBHIN (Electronic Behavioral Health Information Network, the Nebraska Department of Health and Human Services Division of Public Health, and the Nebraska Statewide Telehealth Network to implement the cooperative agreement.

Over the past seven months, NeHII has begun implementation activities with 1 new hospital—Regional West Medical Center in Scottsbluff—and recruited 19 hospitals, including 15 Critical Access Hospitals, Boys Town National Research Hospital, Columbus Community Hospital, BryanLGH West and BryanLGH East. When these hospital implementations are completed in 2012, approximately two-thirds of the state’s hospital beds will be covered by NeHII. NeHII now has over 2,000 users up from 1,288 on Dec. 31, 2010.

NeHII and the Nebraska Department of Health and Services Division of Public Health have been working with NeHII’s vendor, Axolotl, to exchange information between the State of Nebraska’s immunization registry, NESIIS, and NeHII. Phase I of the exchange is operational, allowing the exchange of data from NeHII’s EHR users to the immunization registry. Work continues on the other two phases of the project. NeHII, Axolotl, and the NDHSS Division of Public Health are also working on the exchange of information between NeHII and the State’s disease reporting system (NEDSS) and the State’s syndromic surveillance system.

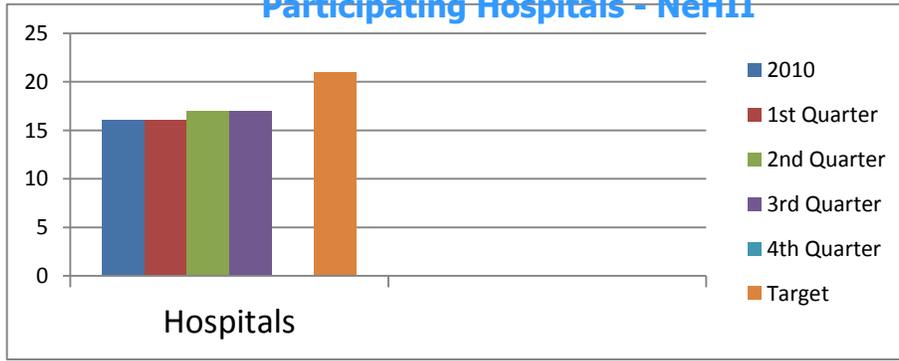
NeHII began a pilot of the Direct project in late 2011 for results delivery with Pathology Services in North Platte.

Nebraska is also developing one of the country’s first behavioral health information exchanges. eBHIN went live with its EHR/EPM system and data upload to Magellan, the State’s administrative services organization, in the summer of 2011 in southeast Nebraska. In December 2011, behavioral health providers in Region I in the Panhandle went live with the EHR/EPM system. The HIE will go live in both regions early in 2012.

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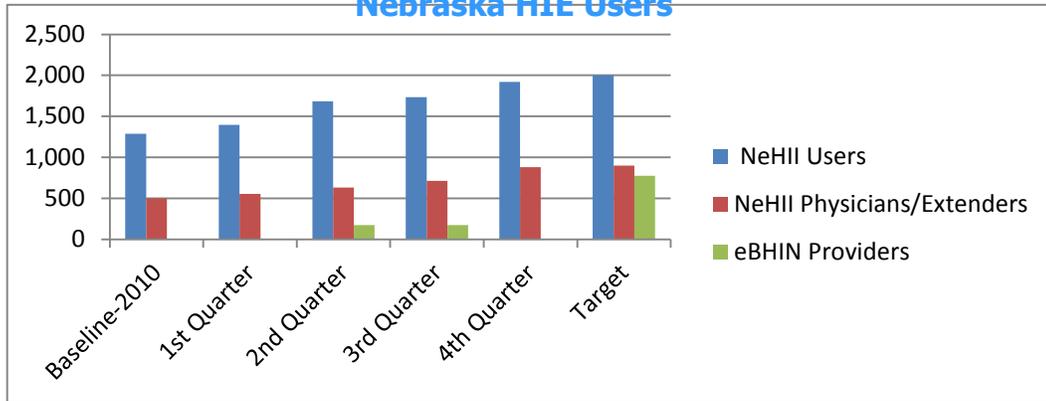
Participating Hospitals - NeHII



Baseline—2010	1 st Quarter	2 nd Quarter	3 rd Quarter	4 th Quarter	Target-2011
NeHII 16 hospitals* 13% of Nebraska hospitals 39% of hospital beds	16 hospitals (13 Nebraska & 3 Iowa)	17 hospitals (14 Nebraska & 3 Iowa)	17 hospitals (14 Nebraska & 3 Iowa) *14 Critical Access Hospitals, 2 regional hospitals and 1 research hospital have signed participation agreements in Q3	17 hospitals (14 Nebraska & 3 Iowa) with Regional West Medical Center in implementation phase. 19 hospitals, including 15 Critical Access Hospitals, Boys Town National Research Hospital, Columbus Community Hospital, BryanLGH West and BryanLGH East have signed participation agreements.	NeHII 21 hospitals 22% of Nebraska hospitals 45% of hospital beds eBHIN 1 hospital

1 st Quarter	2 nd Quarter	3 rd Quarter	4 th Quarter
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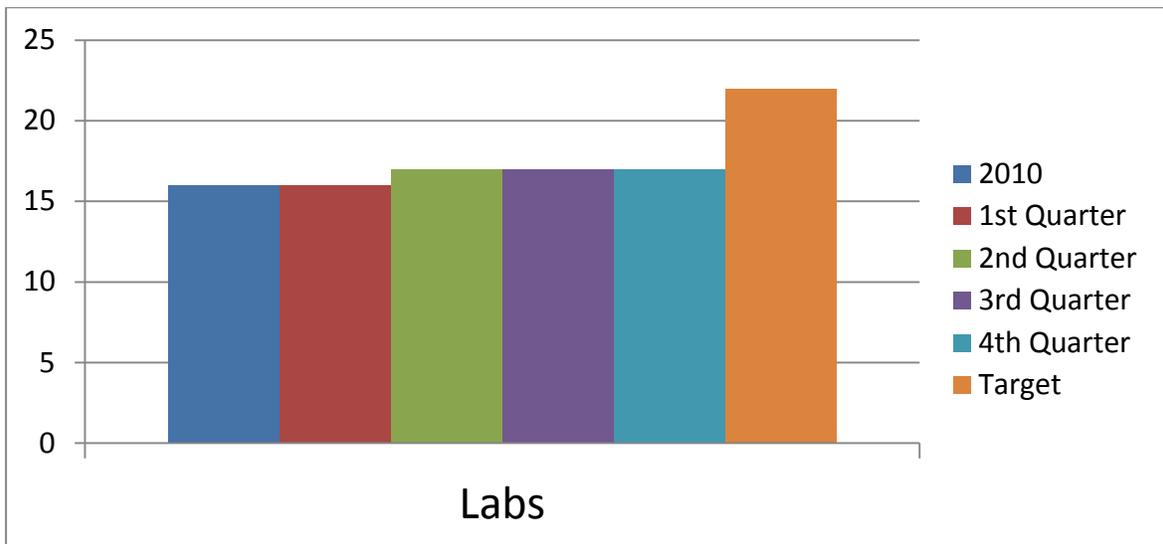
Nebraska HIE Users



Baseline-2010	1 st Quarter 2011	2 nd Quarter 2011	3 rd Quarter 2011	4 th Quarter 2011	Target 2011
<p>NeHII 1,288 total users, including physicians, mid-levels, nurses, pharmacists, and staff</p> <p>500 Physician and Physician Extenders out of 4,266 in state 12% of physicians and physician extenders</p>	<p>1,396 total users, including physicians, mid-levels, nurses, pharmacists, and staff</p> <p>554 physician and physician extenders</p>	<p>1,683 total users including physicians, mid-levels, nurses, pharmacists and staff</p> <p>633 physician and physician extenders</p> <p>eBHIN – 175 providers</p> <p>4% of behavioral health providers</p>	<p>1,773 total users including physicians, mid-levels, nurses, pharmacists and staff</p> <p>714 physician and physician extenders</p> <p>eBHIN – 175 providers</p> <p>4% of behavioral health providers</p>	<p>1,922 total users including physicians, mid-levels, nurses, long-term care providers, and home health)</p> <p>880 physicians and physician extenders</p> <p>eBHIN – 259 providers</p>	<p>2,000 total users, including physicians, mid-levels, nurses, pharmacists, and staff</p> <p>900 physicians and physician extenders out of 4,266 in state</p> <p>21% of physicians and physician extenders</p> <p>eBHIN 776 providers out of 3,929 behavioral health providers</p> <p>20% of behavioral health providers</p>

Health Plan Participation – NeHII

Baseline-2010	1 st Quarter 2011	2 nd Quarter 2011	3 rd Quarter 2011	4 th Quarter 2011	Target 2011
1 health plan (BlueCross BlueShield of Nebraska) currently participates	1 health plan	1	1	1	1

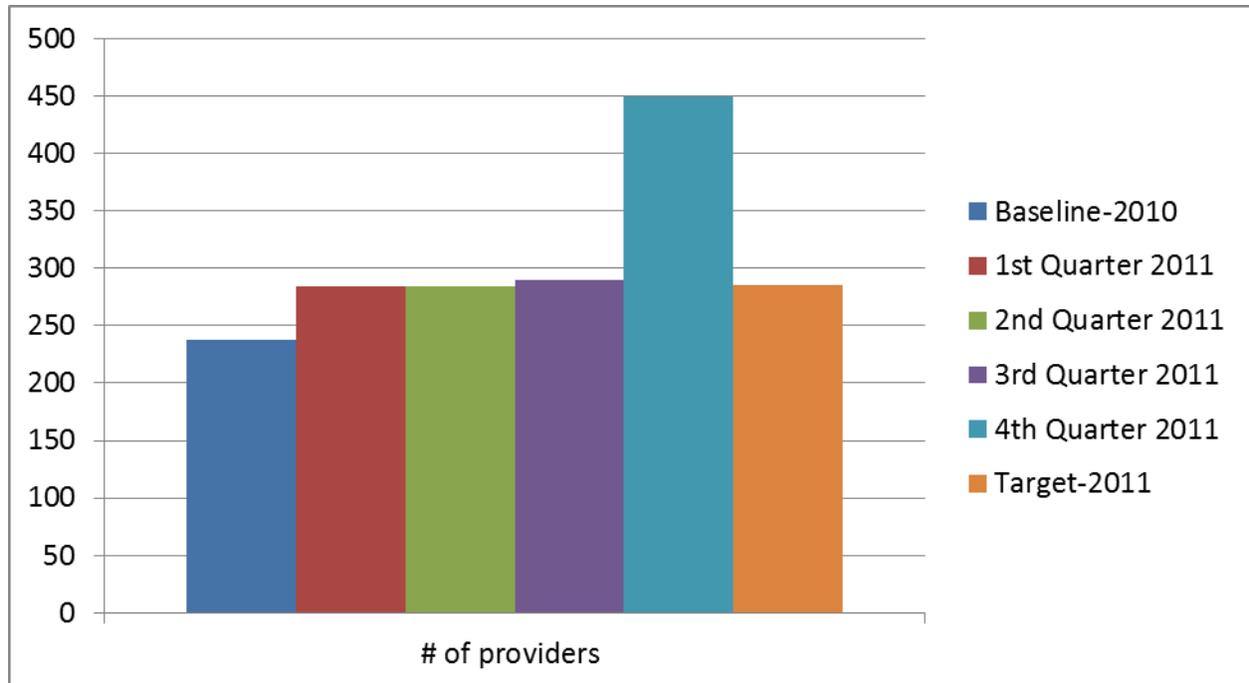


Baseline-2010	1 st Quarter 2011	2 nd Quarter 2011	3 rd Quarter 2011	4 th Quarter 2011	Target 2011
<p>NeHII</p> <p>0 out of six independent reference labs</p> <p>10 hospital labs out of 90 hospital labs</p> <p>10% of 96 hospital and major independent reference labs</p>	<p>16 hospitals (13 Nebraska & 3 Iowa)</p>	<p>17 hospitals (14 Nebraska & 3 Iowa)</p>	<p>17 hospitals (14 Nebraska & 3 Iowa)</p> <p>*14 Critical Access Hospitals, 2 regional hospitals and 1 research hospital have signed participation agreements in Q3</p>	<p>17 hospitals (14 Nebraska & 3 Iowa)</p> <p>*14 Critical Access Hospitals, 2 regional hospitals and 1 research hospital have signed participation agreements in Q3</p>	<p>NeHII</p> <p>1 out of six independent reference labs</p> <p>21 hospital labs out of 90 hospital labs</p> <p>21% of hospital and independent reference labs</p> <p>eBHIN</p> <p>N/A. eBHIN will most likely go through NeHII for laboratory information.</p>

Specific Laboratory Participation—NeHII

1 st Quarter 2011	2 nd Quarter 2011	3 rd Quarter 2011	4 th Quarter 2011
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Providers Submitting to Immunization Registry

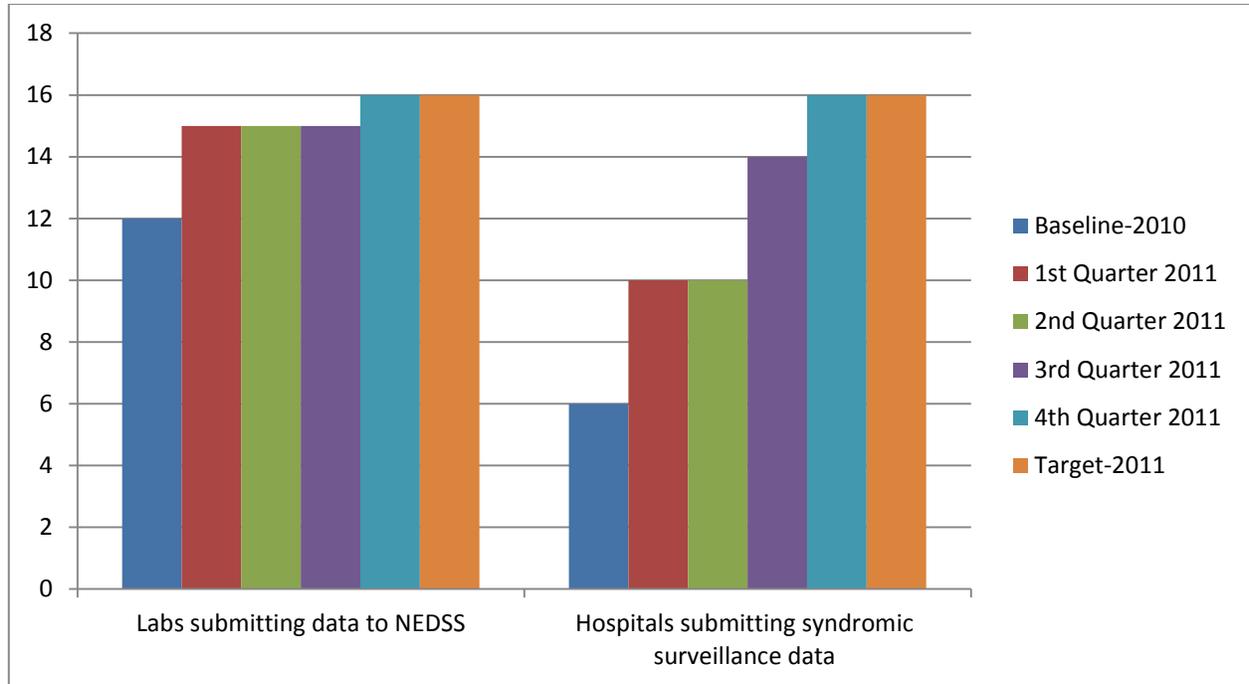


Baseline—2010	1 st Quarter	2 nd Quarter	3 rd Quarter	4 th Quarter	Target—End of 2011
238	284	284	290*	450**	An increase of 20% to 286

*Note: 31 providers were sending immunization data electronically at the end of the third quarter.

**Note: 450 providers were sending immunization data electronically at the end of the fourth quarter.

Public Health Reporting



Public Health Reporting	Baseline—2010	1 st Quarter	2 nd Quarter	3 rd Quarter	4 th Quarter	Target—End of 2011
# of labs submitting data to NEDSS	12	15	15	15	16	An increase of 30% to 16
# of hospitals submitting data to the syndromic surveillance system	6	10	10	14	16	16

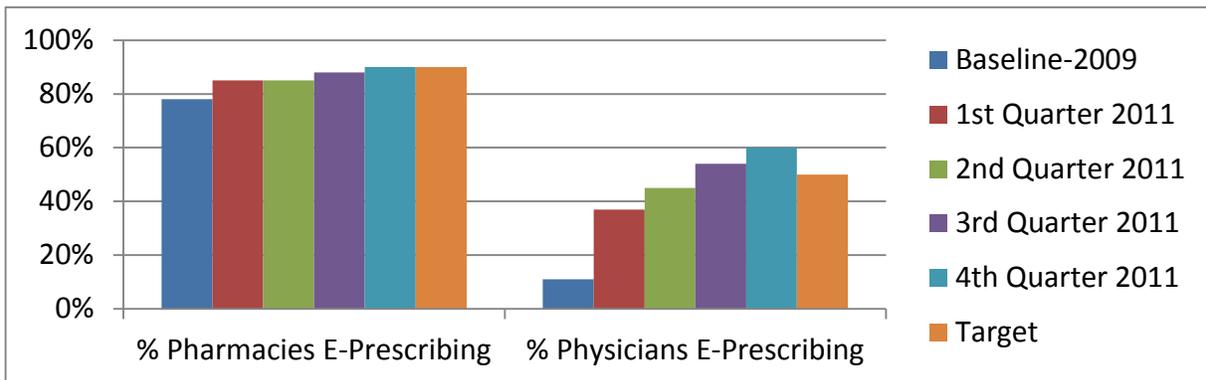
Labs and Hospitals Participating in Public Health Reporting

	1 st Quarter	2 nd Quarter	3 rd Quarter	4 th Quarter
Labs submitting to NEDSS	UNMC - Omaha Bryan LGH - Lincoln Columbus Community Hospital Faith Regional Medical Center - Norfolk Great Plains Regional-North Platte Regional West-Scottsbluff Children's Hospital-Omaha ARUP-serves multiple cities in NE Cerner-serves multiple cities in NE Kearney Good Samaritan-Kearney Creighton Medical-Omaha PLab-Lincoln Quest-serves multiple cities in NE Catholic Health-Grand Island Alegent-Lincoln	UNMC - Omaha Bryan LGH - Lincoln Columbus Community Hospital Faith Regional Medical Center - Norfolk Great Plains Regional-North Platte Regional West-Scottsbluff Children's Hospital-Omaha ARUP-serves multiple cities in NE Cerner-serves multiple cities in NE Kearney Good Samaritan-Kearney Creighton Medical-Omaha PLab-Lincoln Quest-serves multiple cities in NE Catholic Health-Grand Island Alegent-Lincoln	UNMC - Omaha Bryan LGH - Lincoln Columbus Community Hospital Faith Regional Medical Center - Norfolk Great Plains Regional-North Platte Regional West-Scottsbluff Children's Hospital-Omaha ARUP-serves multiple cities in NE Cerner-serves multiple cities in NE Kearney Good Samaritan-Kearney Creighton Medical-Omaha PLab-Lincoln Quest-serves multiple cities in NE Catholic Health-Grand Island Alegent-Lincoln	UNMC - Omaha Bryan LGH - Lincoln Columbus Community Hospital Faith Regional Medical Center - Norfolk Great Plains Regional-North Platte Regional West-Scottsbluff Children's Hospital-Omaha ARUP-serves multiple cities in NE Cerner-serves multiple cities in NE Kearney Good Samaritan-Kearney Creighton Medical-Omaha PLab-Lincoln Quest-serves multiple cities in NE Catholic Health-Grand Island Alegent-Lincoln Fremont Area Medical Center
Hospitals submitting syndromic surveillance data	York General Hospital Children's Hospital-Omaha Great Plains Reg Med Center-North Platte Fremont Area Medical Center Beatrice Comm. Hospital The NE Medical Center-Omaha Nebraska Methodist Hosp – Omaha Mary Lanning Hospital-Hastings Falls City Comm. Medical Center Box Butte General Hospital	York General Hospital Children's Hospital-Omaha Great Plains Reg Med Center-North Platte Fremont Area Medical Center Beatrice Comm. Hospital The NE Medical Center-Omaha Nebraska Methodist Hosp – Omaha Mary Lanning Hospital-Hastings Falls City Comm. Medical Center Box Butte General Hospital	Children's Hospital-Omaha Great Plains Reg Med Center-North Platte Fremont Area Medical Center Beatrice Comm. Hospital The NE Medical Center-Omaha Nebraska Methodist Hosp – Omaha Mary Lanning Hospital-Hastings Falls City Comm. Medical Center Box Butte General Hospital McCook Community Hospital Providence Medical Center (Wayne)	Children's Hospital-Omaha Great Plains Reg Med Center-North Platte Fremont Area Medical Center Beatrice Comm. Hospital The NE Medical Center-Omaha Nebraska Methodist Hosp – Omaha Mary Lanning Hospital-Hastings Falls City Comm. Medical Center Box Butte General Hospital McCook Community Hospital Providence Medical Center (Wayne) Crete Area Medical Center Box Butte Primary Care

Public Health Reporting—Transactions

Transaction Type	July –Dec 2011
Immunizations into NESIIS	232,458
Lab Results into NEDSS	65,501
Cardiovascular Disease Syndromic Surveillance transactions	14,007
ED Syndromic Surveillance transactions	164,827
Total	476,793

E-Prescribing Adoption



Baseline-- End of 2009	1 st Quarter	2 nd Quarter	3 rd Quarter	4 th Quarter	Target—End of 2011
78% of community pharmacies activated for e-prescribing	85% of pharmacies are activated for e-prescribing (March 2011) Note: Two pharmacies joined NeHII	85% of pharmacies are activated for e-prescribing (May 2011) Note: Four more pharmacies joined NeHII, bring the total to six	88% of pharmacies are activated for e-prescribing (August 2011)	90% of community pharmacies are activated for e-prescribing (November 2011)	90% of community pharmacies activated for e-prescribing
11% of physicians in Nebraska routed prescriptions electronically	37% (1197 out of 3202) of physicians in Nebraska are routing prescriptions electronically (March 2011)	45% (1436 out of 3202) of physicians in Nebraska are routing prescriptions electronically (May 2011)	54% (2342 out of 3202) of physicians in Nebraska are routing prescriptions electronically (August 2011)	60% of physicians in Nebraska are routing prescriptions electronically (November 2011)	50% of physicians in Nebraska routing prescriptions electronically

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